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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	08/999,766
				Filing Date	July 23, 1997
				First Named Inventor	Scott A. Moskowitz
				Art Unit	2137 2437
				Examiner Name	P. E. Callahan
Sheet	1	of	1	Attorney Docket Number	69772(53763)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
	CA	Photocopy of an audio disc containing a digital watermark. Jan. 10, 2008	

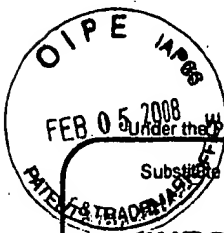
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Examiner Signature	/Paul Callahan/	Date Considered	08/04/2008
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Application Number 08/999,766
Filing Date July 23, 1997
First Named Inventor Scott A. MOSKOWITZ et al.
Art Unit 2407-2437
Examiner Name Paul E. CALLAHAN
Attorney Docket Number 80410.0009

Sheet 1 of 3

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US-4,939,515	07/03/1990	Adelson	
		US-5,161,210	11/03/1992	Druyvesteyn, et.al.	
		US-5,450,490	09/12/1995	Jensen et.al.	
		US-5,530,751	06/25/1996	Morris	
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		US-5,912,972	06/15/1999	Barton	
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		US-5,583,488	12/10/1996	Sala et.al.	
		US-5,748,783	05/05/1998	Rhoads	
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		US-5,243,423	09/07/1993	DeJean et.al.	
		US-5,319,735	06/07/1994	Preuss et.al.	
		US-5,113,437	05/12/1992	Best et.al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		European Patent No. EP0565947A1	10/20/1993	Kuusama, Juha		
		WO 95/14289	05/26/1995	Rhoads, Geoffrey		
		European Patent No. 0581317A2	02/02/1994	Powell, Robert et.al.		
		European Patent No. 0372601A1	06/13/1990	Druyvesteyn, Wm. et.al.		
		W098/37513	08/27/1998	Biggar, Michael et.al.		
		European Patent No. 0651554A	05/03/1995	Eastman Kodak Co.		

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Sheet 2 of 13

Application Number

08/999,766

Filing Date

July 23, 1997

First Named Inventor

Scott A. MOSKOWITZ et al.

Art Unit

~~2107~~ 2437

Examiner Name

Paul E. CALLAHAN

Attorney Docket Number

80410.0009

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		US-4,789,928	12/06/1988	Fujisaki	
		US-4,908,873	03/13/1990	Philibert, et. al.	
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		US-5,287,407	02/15/1994	Holmes	
		US-5,428,606	06/27/1995	Moskowitz	
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		US-5,394,324	02/28/1995	Clearwater	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 99/62044	12/02/1999	Handel, Theodore et.al		
		WIPO 96/29795	09/26/1996	Micali		
		WIPO 97/24833	07/10/1997	Micali		
		EP 0649261	04/19/1995	Enari		
		NL 100523	09/1998			

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Sheet 3 of 3

Application Number

08/999,766

Filing Date

July 23, 1997

First Named Inventor

Scott A. MOSKOWITZ et al.

Art Unit

2197 2437

Examiner Name

Paul E. CALLAHAN

Attorney Docket Number

80410.0009

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		Number-Kind Code ² (if known)			
		US-4,528,588	07/09/1985	Lofberg	
		US-5,832,119	11/03/1998	Rhoads	
		US-5,859,920	01/12/1999	Daly et.al	
		US-4,979,210	12/18/1990	Nagata et.al	
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		US-5,568,570	10/22/1996	Rabbani	
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		US-4,972,471	11/20/1990	Gross et.al.	
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		WO 9744736	11/27/1997	Wehrenberg		
		WO 9952271	10/14/1999	Moskowitz		
		WO 9963443	12/09/1999	Ho,Anthony Tung Shuen		

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Sheet 4 of 13

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Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

Attorney Docket Number

08/999,766

July 23, 1997

Scott A. MOSKOWITZ et al.

2197 2437

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		US-			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Date
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08/04/2008

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Co:

Application Number

08/999,766

Filing Date

July 23, 1997

First Named Inventor

Scott A. MOSKOWITZ et al.

Art Unit

2137 2437

Examiner Name

Paul E. CALLAHAN

Attorney Docket Number

80410.0009

Sheet 7 of 13

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		US-5,848,155	12/08/1998	Cox	
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8

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13

Cor. 08/999,766

Application Number

July 23, 1997

Filing Date

Scott A. MOSKOWITZ et al.

First Named Inventor

2437 2437

Art Unit

Paul E. CALLAHAN

Examiner Name

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Attorney Docket Number

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	08/999,766
Filing Date	July 23, 1997
First Named Inventor	Scott A. MOSKOWITZ et al.
Art Unit	2407 2437
Examiner Name	Paul E. CALLAHAN
Attorney Docket Number	80410.0009

Sheet 4 of 13**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Sheet 10 of 13

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Application Number

08/999,766

Filing Date

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First Named Inventor

Scott A. MOSKOWITZ et al.

Art Unit

2107 2437

Examiner Name

Paul E. CALLAHAN

Attorney Docket Number

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Com-~~plete~~ ~~if known~~

Application Number

08/999,766

Filing Date

July 23, 1997

First Named Inventor

Scott A. MOSKOWITZ et al.

Art Unit

~~2497~~ 2437

Examiner Name

Paul E. CALLAHAN

Attorney Docket Number

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Sheet

11

of

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U. S. PATENT DOCUMENTS

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Sheet PL of 13

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08/999,766

Application Number

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Scott A. MOSKOWITZ et al.

First Named Inventor

~~2197~~ 2437

Art Unit

Paul E. CALLAHAN

Examiner Name

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Substitute for form 1449/PTO		Col 08/999,766 Application Number Filing Date July 23, 1997 First Named Inventor Scott A. MOSKOWITZ et al. Art Unit 2107 2437 Examiner Name Paul E. CALLAHAN Attorney Docket Number 80410.0009	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			
Sheet	13	of	13

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 7,046,808	05/12/2006	Metois et al.	
		US- 6,430,301	08/06/2002	Petrovic	
		US- 2004/0059918	03/25/2004	Xu	
		US- 6,345,100	02/05/2002	Levine	
		US- 2004/0093521	05/13/2004	Hamadeh et al.	
		US- 2007/0083467	04/12/2007	Lindahl et al.	
		US- 7,231,524	06/12/2007	Burns	
		US- 2005/0246554	11/03/2005	Batson	
		US- 6,668,325	02/23/2003	Collberg et al.	
		US- 7,050,396	05/23/2006	Cohen et al.	
		US- 6,842,862	01/11/2005	Chow et al.	
		US- 7,051,208	05/23/2006	Venkatesan et al.	
		US- 7,240,210	07/03/2007	Michak et al.	
		US- 7,150,003	12/12/2006	Naumovich et al.	
		US- 6,389,538	05/14/2002	Gruse et al.	
		US- 5,513,126	04/30/1996	Harkins et al.	
		US- 5,657,461	08/12/1997	Harkins et al.	
		US- 4,390,898	06/28/1983	Bond et al.	
		US- 5,471,533	11/28/1995	Wang et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ²
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

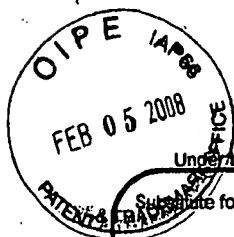
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	08/999,766
Filing Date	July 23, 1997
First Named Inventor	Scott A. MOSKOWITZ et al.
Art Unit	2197 2437
Examiner Name	Paul E. CALLAHAN
Attorney Docket Number	80410:0009

Sheet 1 of 7

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Schneier, Bruce, Applied Cryptography, 2nd Ed., John Wiley & Sons, pp. 9-10, 1996	
		Menezes, Alfred J., Handbook of Applied Cryptography, CRC Press, p. 46, 1997	
		Merriam-Webster's Collegiate Dictionary, 10th Ed., Merriam Webster, Inc., p.207 1997	
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		LOW, S.H., "Equilibrium Allocation and Pricing of Variable Resources Among User-Suppliers", 1988. http://www.citeseer.nj.nec.com/366503.html	
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		Zhao, Jian. "A WWW Service to Embed and Prove Digital Copyright Watermarks", Proc. of the european conf. on Multimedia Applications, Services & Techniques Louvain-la-Neuve Belgium May 1996	

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		First Named Inventor	July 23, 1997 Scott A. MOSKOWITZ et al.
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		Examiner Name	Paul E. CALLAHAN
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Sheet	2	of	7

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		Oomen, A.W.J. et al., A Variable Bit Rate Buried Data Channel for Compact Disc, J.Audio Eng.Sc., Vol.43, No.1/2, pp. 23-28 (1995).	
		Ten Kate, W. et al., A New Surround-Stereo-Surround Coding Techniques, J. Audio Eng.Soc., Vol. 40, No. 5, pp. 376-383 (1992)	
		Gerzon, Michael et al., A High Rate Buried Data Channel for Audio CD, presentation notes, Audio Engineering Soc. 94th Convention (1993).	
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		Jayant, N.S. et al., Digital Coding of Waveforms, Prentice Hall Inc., Englewood Cliffs, NJ, pp. 486-509 (1984)	
		Bender, Walter R. et al., Techniques for Data Hiding, SPIE Int. Soc. Opt. Eng., Vol. 2420, pp. 164-173, 1995.	
		Zhao, Jian et al., Embedding Robust Labels into Images for Copyright Protection, (xp 000571976), pp. 242-251, 1995.	
		Menezes, Alfred J., Handbook of Applied Cryptography, CRC Press, p. 175, 1997.	
		Schneier, Bruce, Applied Cryptography, 1st Ed., pp. 67-68, 1994.	

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		Application Number			
		Filing Date	08/999,766		
		First Named Inventor	July 23, 1997 Scott A. MOSKOWITZ et al.		
		Art Unit	2407 2437		
		Examiner Name	Paul E. CALLAHAN		
Sheet	3	of	7	Attorney Docket Number	80410.0009

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		Koch, E., et al., Towards Robust and Hidden Image Copyright Labeling, 1995 IEEE Workshop on Nonlinear Signal and Image Processing, Jun. 1995 Neos Marmaras pp. 4	
		Van Schyandel, et al., Towards a Robust Digital Watermark, Second Asian Image Processing Conference, Dec. 6-8, 1995, Singapore, Vol. 2, pp. 504-508	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	08/999,766		
		Filing Date	July 23, 1997		
		First Named Inventor	Scott A. MOSKOWITZ et al.		
		Art Unit	2137 2437		
		Examiner Name	Paul E. CALLAHAN		
Sheet	4	of	7	Attorney Docket Number	80410.0009

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		Tirkel, A.Z., A Two-Dimensional Digital Watermark, DICTA '95, Univ. of Queensland, Brisbane, Dec. 5-8, 1995, pp. 7	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

Attorney Docket Number

08/999,766

July 23, 1997

Scott A. MOSKOWITZ et al.

~~2137~~ 2437

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80410.0009

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of

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		Pohlmann, Ken C., Principles of Digital Audio, 3rd Ed., 1995, pp. 32-37, 40-48, 138, 147-149, 332, 333, 364, 499-501, 508-509, 564-571.	
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Signature

/Paul Callahan/

Date

Considered

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		Tomsich, et al., "Towards a secure and de-centralized digital watermarking infrastructure for the protection of Intellectual Property", in <u>Electronic Commerce and Web Technologies. Proceedings (ECWEB) 2000</u>	
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		Hartung, et al. "Multimedia Watermarking Techniques", <u>Proceedings of the IEEE, Special Issue, Identification & Protection of Multimedia Information, pp 1079-1107, July 1999 Vol 87 No 7 IEEE</u>	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	08/999,766
		Filing Date	July 23, 1997
		First Named Inventor	Scott A. MOSKOWITZ et al.
		Art Unit	2187 2437
		Examiner Name	Paul E. CALLAHAN
Sheet <u>7</u>	of <u>7</u>	Attorney Docket Number	80410.0009

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Rivest, et al., PayWord and MicroMint: Two simple micropayment schemes, MIT Laboratory for Computer Science, Cambridge, MA 02139, April 27, 2001, pp. 1-18.	
		Horowitz, et al., The Art of Electronics, 2nd Ed., 1989, pp.7.	
		Delaigle, J.-F., et al. "Digital Watermarking," Proceedings of the SPIE, vol. 2659, Feb 1, 1996, pp. 99-110 (Abstract).	
		Schneider, M., et al. "Robust Content Based Digital Signature for Image Authentication," Proceedings of the International Conference on Image Processing (IC. Lausanne), Sept. 16-19, 1996, pp. 227-230. IEEE ISBN:	
		Cox, I. J., et al. "Secure Spread Spectrum Watermarking for Multimedia," IEEE Transactions on Image Processing, Vol. 6 No. 12, Dec. 1, 1997, pp. 1673-1686.	
		Wong, Ping Wah. "A Public Key Watermark for Image Verification and Authentication," IEEE International Conference on Image Processing, Vol. 1 Oct 4-7, 1998, pp. 455-459.	
		Fabien A.P. Petitcolas, Ross J. Anderson and Markkus G. Kuhn, "Attacks on Copyright Marking Systems," LNCS, Vol. 1525, April 14-17, 1998, pp. 218-238. ISBN: 3-540-65386-4.	
		Ross Anderson, "Stretching the Limits of Steganography," LNCS, Vol. 1174, May/June 1996, 10 pages, ISBN: 3-540-61996-8.	
		Joseph J.K. O'Ruanaidh and Thierry Pun, "Rotation, Scale and Translation Invariant Digital Image Watermarking", pre-publication, Summer 1997, 4 pages.	
		Joseph J.K. O'Ruanaidh and Thierry Pun, "Rotation, Scale and Translation Invariant Digital Image Watermarking", Submitted to Signal Processing, August 21, 1997, 19 pages.	

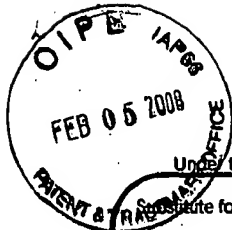
Examiner Signature	/Paul Callahan/	Date Considered	08/04/2008
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First Named Inventor	July 23, 1997
Art Unit	Scott A. MOSKOWITZ et al.
Examiner Name	2437 2437
Attorney Docket Number	Paul E. CALLAHAN
	80410.0009

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		PCT International Search Report, completed Sept. 13, 1995; authorized officer Huy D. Vu (PCT/US95/08159) (2 pages)	
		PCT International Search Report, completed June 11, 1996; authorized officer Salvatore Cangialosi (PCT/US96/10257) (4 pages)	
		Supplementary European Search Report, completed Mar. 5, 2004; authorized officer J. Hazel (EP 96 91 9405) (1 page)	
		PCT International Search Report, completed April 4, 1997; authorized officer Bernarr Earl Gregory (PCT/US97/00651) (1 page)	
		PCT International Search Report, completed May 6, 1997; authorized officer Salvatore Cangialosi (PCT/US97/00652) (3 pages)	
		PCT International Search Report, completed Oct. 23, 1997; authorized officer David Cain (PCT/US97/11455) (1 page)	
		PCT International Search Report, completed July 12, 1999; authorized officer R. Hubeau (PCT/US99/07262) (3 pages)	
		PCT International Search Report, completed June 30, 2000; authorized officer Paul E. Callahan (PCT/US00/06522) (7 pages)	
		Supplementary European Search Report, completed June 27, 2002; authorized officer M. Schoeyer (EP 00 91 9398) (1 page)	
		PCT International Search Report, date of mailing Mar. 15, 2001; authorized officer Marja Brouwers (PCT/US00/18411) (5 pages)	

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		PCT International Search Report, completed July 20, 2001; authorized officer A. Sigolo (PCT/US00/18411) (5 pages)	
		PCT International Search Report, completed March 20, 2001; authorized officer P. Corcoran (PCT/US00/33126) (6 pages)	
		PCT International Search Report, completed January 26, 2001; authorized officer A. Sigolo (PCT/US00/21189) (3 pages)	
		European Search Report, completed October 15, 2007; authorized officer James Hazel (EP 07 11 2420) (9 pages)	

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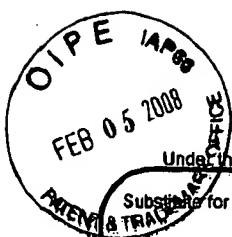
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		STAIN D (The Singles 1996-2006), Warner Music - Atlantic, Pre-Release CD image, 2006, 1 page	
		Arctic Monkeys (Whatever People Say I Am, That's What I'm Not), Domino Recording Co. Ltd., Pre-Release CD image, 2005, 1 page	
		Radiohead ("Hail To The Thief"), EMI Music Group - Capitol, Pre-Release CD image, 2003, 1 page.	

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